Soybean Yields

INCREASED

by
7.1 bushels
per acre

25 YEARS OF
REPLICATED TESTS

Soybeans

It works! – Typical Results

Keith Pursiful, Redkey, Indiana

68 bu/ac with progress 11.5% moisture
55 bu/ac check 13% moisture

Increase 13 bu/acre

The treated beans combined much easier.

Dick Trowbridge, Kenney, Illinois

52 bu/ac on program
48 bu/ac check

Increase 4 bu/acre

The treated beans were taller and stood better.

Tam-Lee Farms, Kenney, Illinois

63 bu/ac on program
59 bu/ac check

Increase 4 bu/acre

Thorp Seed Co., Clinton, Illinois

Increase 2.9 bu/acre

This was the smallest increase in 1982.

Rodney Ummell, Anchor, Illinois

64 bu/ac on program – foliar
60 bu/ac check

Increase 4 bu/acre

All the soil had 1 gallon Medina per acre at planting time. The foliar mixture was applied with the lowest herbicides rate. "I had the best weed control here that I've ever had."

3 years with Akin Seed

St. Francisville, Illinois

Soybeans

Medina	Checks	Medina Increase
1980		
57.8 bu/ac	48.2	9.6 bu/ac
1981		
55.4	50.4	5.0 bu/ac
56.9	50.4	6.5 bu/ac
		21.1 bu/ac
		(7.1 average)
1982		
40.9		
43.7 Foliar		

(No checks were harvested, but No-Medina beans in the area produced significantly less.)

Medina has produced 7.03 bushels/acre more soybeans here at Atkin's. This is the same as the average from all states over the past 4 years of replicated tests.

Gene Sell, Murdock, Minnesota

Alkali-high sodium soil

Soybeans very yellow, some dying at 5" to 6" tall. Sprayed with 2 gallons 32% N, 2 pounds iron chelate, 1 pint humic acid, and 1 gallon Medina PLUS. No rain for 3 weeks after spraying.

RESULTS:

Medina Mixture	15.29 bu/ac
Checks	10.68 bu/ac
Increase for Medina	**4.61 bu/ac**

Clifford Smith, Buhler, Kansas

"We made 18 bushels/acre of beans where No Medina was used and 31 bushels/acre where Medina was applied. Everything was exactly the same except for the Medina – **a 13 bushel/acre increase.**"

Clifton Ray, Pontotoc, Mississippi

"When I first tested Medina it increased yields 35% to 50% in every field. After the first year I put it on all 1200 acres."

Myron Harvey, Woodstown, New Jersey

"Being skeptical, I put Medina on 15 acres in the middle of a 50-acre field. These beans made 45.9 bushels/acre. The other 35, without Medina, made 20.6 bushels/acre. That's 25.3 bushels/acre more with Medina. In fact, the Medina increase was more than the untreated part of the field averaged."

Billy Colbert, Houston, Mississippi

"I put Medina on land where I had trouble getting a stand in past crops. Last year I didn't have half a stand. This year these beans were planted the 25th of June and I have a uniform stand where they didn't drown out. The stem is a lot longer with more foliage. They have the best color I ever had ... where the Medina was used. Where I didn't use the Medina, the beans weren't as uniform. I could tell right to the row where I used the Medina. At harvest I made 40 bushels where I used Medina and 25 bushels where I didn't."

Why does this work?

The Nitrogen or plant food provides nutrients foliar at the critical time when roots are not supplying enough for best growth. The HuMate enhances fertilizer uptake and buffers the solution. The Medina Plus supplies essential trace elements, natural fruiting hormones from seaweed extracts, and promotes increased soil biological activity to increase nodulation and produce extensive root growth.

Trace elements help improve a plant's immune system. One proven solution of trace elements is **new Medina PLUS**. It contains Iron, Zinc, Magnesium, Manganese, Molybdenum and over 20 other elements. It also contains 2 root-stimulating hormones, I.B.A. and I.A.A., as well as 3% seaweed extracts which are high in natural fruiting hormones (Cytokinins).

Trace elements are essential to **build a natural immune system in a plant** and produce **high yields**.

Zinc functions in the formation of growth hormones, promotion of protein synthesis.

Iron functions in chlorophyll synthesis and is a **part of certain enzymes and proteins.**

Copper is a **catalyst for respiration, enzyme constituent** and chlorophyll synthesis. Heavy nitrogen fertilization intensifies copper deficiency.

Boron is essential for protein synthesis, fruit and seed formation.

Manganese functions in the formation of **carotene, riboflavin, and ascorbic acid, carbon dioxide assimilation, photosynthesis.**

Molybdenum is **essential for symbiotic nitrogen fixation** and protein synthesis.

Here's how you do it:

1. Well ahead of planting: Broadcast 1 gal./ac. Medina Soil Activator

2. Add 1-2 quarts HuMate humic acid with all fertilizers.

3. At the 4th to 7th trifoliate leaf stage, apply 1 qt. Medina Plus and 1 qt. HastaGro 6-12-6 and two gallons 28% N.

4. At, or just prior to, first bloom foliar apply 1 quart of HastGro 6-12-6. Repeat in 7 to 10 days.

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